MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

APRIL, 1928

J. A. BROWN, DIRECTOR

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APRIL 1928

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sunshine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	760.4	759.7	758.4	759.5	20.7	12.6		8.5	2.79
2	0.9	8.9	8.5	9.4	20.0	12.7		11.3	
3	755.5	3.5	1.8	3.6	19.9	13.6		0.0	
4	4.0	6.2	6.8	5.6	23.3	16.8		1.6	
5	4.1	1.1	0.6	1.9	24.5	16.1		4.5	
6	756.7	759.4	761.5	759.2	21.0	14.5		0.0	2.34
7	762.9	762.8	3.5	763.1	19.9	14.4		10.5	0.51
8	3.0	2.9	3.4	3.1	20.7	13.3		11.2	
9	3.3	2.5	1.6	2.5	21.0	13.2		11.3	
10	0.4	759.4	758.5	759.4	21.1	13.6		11.6	
11	757.8	757.9	760.3	758.7	21.4	16.2		10.3	
12	761.0	760.6	2.1	761.2	22.2	15.0		11.4	
13	2.6	1.7	2.5	2.3	21.9	13.9		11.8	
14	2.2	1.7	2.6	2.1	22.5	14.5		10.8	
15	2.7	2.2	3.0	2.6	23.1	15.4		12.3	
16	763.5	761.5	762.0	762.3	23.6	15.1		11.4	
17	1.1	1.0	1.2	1.1	22.9	15.8		11.6	
18	759.8	759.5	759.4	759.6	23.2	16.7		11.8	
19	760.9	760.7	762.2	761.3	28.1	19.1		12.3	
20	4.5	3.1	4.4	4.0	26.8	15.5		12.4	
21	763.3	761.6	761.7	762.2	24.0	17.6		11.6	
22	0.4	758.7	759.1	759.4	25.3	19.5		11.0	
23	0.0	9.5	760.3	9.9	30.6	24.4		12.0	
24	0.3	9.3	758.7	9.4	32.2	23.9		11.8	
25	755.5	5.6	4.8	5.3	32.0	26.0		11.7	
26	759.2	759.7	760.4	759.8	37.7	20.0		6.2	
27	761.1	760.3	0.8	760.7	29.4	17.2		12.1	
28	0.4	759.7	0.5	0.2	23.2	17.3		12.0	
29	0.7	9.8	0.3	0.3	23.4	16.1		12.6	
30	1.0	760.4	762.1	761.2	23.5	16.1		12.4	
	760.31	759.76	760.31	760.03	24.31	16.54		10.00	0.188

BAROMETER

Maximum 764.5 on 20th

Minimum 750.6 on 5th

THERMOMETER

Maximum 37.7 on 26th

Minimum 12.6 on 1st

RAINFALL

Maximum 2.34 on 6th

Number of days with rain 3, fog 0, thunderstorms 1, gale 0

APRIL 1928

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	15.9	19.2	15.5	16.9	14.2	15.5	14.3	11.0	10.7	11.4	11.0	83	65	87	78
2	17.2	18.9	16.6	17.6	14.0	15.6	14.9	10.1	11.1	11.6	10.9	69	69	83	74
3	18.2	20.2	23.2	20.5	14.9	17.3	19.3	10.6	12.8	14.0	12.5	69	72	66	69
4	18.4	19.4	16.7	18.2	16.4	16.2	14.7	12.5	11.6	11.2	11.8	79	68	80	76
5	17.3	19.8	17.3	18.1	15.9	17.6	16.0	12.5	13.4	12.7	12.8	85	78	86	83
6	18.3	19.2	16.2	17.9	14.5	15.6	13.4	10.1	11.0	9.8	10.3	64	67	72	68
7	18.7	20.2	16.2	18.4	15.7	16.0	13.8	11.3	11.1	10.3	10.9	70	63	76	70
8	18.2	20.2	19.7	19.4	14.6	16.4	15.8	10.1	11.5	11.0	10.9	65	65	64	65
9	18.0	20.2	15.2	17.8	15.5	16.8	14.5	11.5	12.0	11.8	11.8	75	68	93	79
10	19.3	20.0	17.8	19.0	16.4	16.8	16.1	12.0	12.1	12.5	12.2	72	69	82	74
11	19.3	21.4	17.8	19.5	17.8	18.7	16.7	14.0	14.1	13.4	13.8	84	75	89	83
12	18.9	20.3	16.7	18.6	16.9	16.9	15.5	13.1	12.1	12.2	12.5	81	68	87	79
13	19.1	21.9	17.2	19.4	16.9	18.7	16.2	12.8	13.5	12.9	13.1	78	68	89	78
14	19.5	22.4	17.6	19.8	16.1	17.8	16.2	11.5	11.1	12.7	11.9	68	56	86	70
15	20.9	22.2	17.8	20.3	16.9	18.4	16.2	11.8	13.2	12.7	12.6	64	65	83	71
16	19.1	21.9	18.3	19.8	17.1	19.1	16.8	13.1	14.4	13.1	13.5	86	73	84	79
17	20.8	23.3	18.3	20.8	18.7	19.6	17.7	14.4	14.3	14 6	14.4	78	67	93	79
18	24.0	25.7	23.9	24.5	18.1	19.7	16.7	11.8	14.1	10.1	12.0	53	57	46	52
19	23.7	26.7	18.9	23.1	19.3	20.1	17.2	11.1	12.9	13.4	12.5	62	48	82	64
20	21.1	25.6	18.8	21.8	16.1	17.9	18.2	10.6	10.9	15.1	12.2	57	45	93	65
21	22.6	24.7	21.1	22.5	20.3	21.5	19.6	11.0	16.7	15.8	14.5	68	72	85	75
22	25.3	28.1	30.5	28.0	20.9	21.9	18.7	15.3	15.3	9.3	13.3	64	54	28	49
23	26.9	31.7	26.9	28.5	21.8	20.9	17.7	15.7	11.7	9.5	12.3	58	35	40	44
24	30.1	29.7	27.5	29.1	21.1	23.8	20.3	13.0	17.4	13.1	14.5	40	57	48	48
25	36.5	31.7	26.7	31.6	22.5	22.4	20.7	12.5	14.0	14.1	13.5	28	40	54	41
26	21.9	22.5	18.7	21.0	19.1	18.1	15.7	14.4	12.5	11.3	12.7	73	61	70	68
27	21.7	22.4	18.4	20.8	16.9	16.7	15.9	11.4	10.8	11.8	11.3	59	53	76	61
28	21.3	22.8	18.2	20.8	17.4	18.2	15.6	12.3	12.5	11.5	12.1	66	61	74	67
29	21.4	22.4	18.3	20.7	17.7	17.9	15.6	12.6	12.3	11.4	12.1	67	61	73	67
30	21.8	23.3	18 6	21.2	18.6	18.1	16.7	13.6	12.1	18.8	14 8	70	57	81	69
	21·18	22.93	19.49	21·20	17.40	18.34	16.56	12.26	12.78	12.37	12.49	67.6	61 9	75·0	68 2

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.: Max 1.75 m.; Min. 1·70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

APRIL 1928

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	8ni. str	6	4	6.0	1s	3w	1w	186.3	mod.	
2	1	1ci.str	0	0.7	1s	1se	2n	258.5	light	
3	10ci ni	10ni	8str.ni	9.3	0	1se	1se	83.7	,,	
4	0	10ni	10ni	6.7	4	1w	1nw	328.6	slight	haze
5	10ni	8str.cu	2str.	6.7	5w	2w	2s	437.7	rough	haze
6	2	6	8ni	5.3	7w	6w	2s	318.7	,,	thunder
7	1str.cu	2	2ci	1.7	2w	2w	0	431.9	mod.	
8	2ci cu	2	0	1.3	1w	2w	1s	308.0	,,	haze
9	8ci	1	0	3.0	1w	2w	0	97.1	light	haze
10	0	1	0	0.3	0	2n	0	184.2	,,	
11	1str.cu	2str.cu	4str.cu	2.3	4w	2w	1w	217.2	slight	haze
12	1	2	0	1.0	1w	1nw	0	156.7	light	trace rain
13	1	1	0	0.7	1nw	1w	0	89.6	,,	
14	0	0	0	0.0	1w	0	0	69.5	calm	haze
15	0	0	0	0.0	0	1nw	0	89.3	,,	
16	2ci cu	4ci	0	2.0	0	1nw	0	211.4	light	
17	0	1ci	0	0.3	1s	1	0	163.8	,,	
18	0	2	0	0.7	0	1	0	93.3	calm	
19	1	2ci cu	0	1.0	0	1w	0	191.7	light	
20	1ci	0	0	0.3	1w	1w	0	137.0	,,	
21	4ci	0	0	1.3	0	1ne	0	148.8	,,	
22	1ci	8ci cu	0	3.0	0	0	0	59.7	calm	haze sirocc
23	3ci	3ci	0	2.0	0	0	0	68.7	,,	sirocco
24	1str.	4str.cu	2	2.3	0	0	0	140.6	,,	sirocco
25	2	3str.cu	6str.cu	3.7	0	1e	0	132.2	,,	sirocco
26	8ni	9str.cu	4str.cu	7.0	4	2	2	295.0	slight	haze
27	3	2	2	2.3	2s	2	0	176.7	mod	
28	3str.cu	2str.cu	5str.cu	3.3	1s	2w	0	170.9	calm	
29	1	1	0	0.7	1	1w	0	168.9	light	
30	1str.cu	1	1ci.cu	1.0	1	3	0	174.6	light	
				2.53				186.34		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	0	0	5	4	9	1	11
2:30	1	1	1	2	0	5	13	3	4
8.30	1	0	0	1	3	1	2	1	21
Totals	2	1	1	3	8	10	24	5	36

N. B. — Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw.